

**SCORE Search Results Details for Application 10573229 and Search Result 20090528\_121112\_us-10-573-229a-1.rnpbn.**

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10573229 and Search Result 20090528\_121112\_us-10-573-229a-1.rnpbn.

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GenCore version 6.3  
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OM nucleic - nucleic search, using sw model

Run on: May 31, 2009, 22:32:56 ; Search time 135 Seconds  
(without alignments)  
7905.435 Million cell updates/sec

Title: US-10-573-229A-1  
Perfect score: 920  
Sequence: 1 tctgtagaggggaatggctg.....acccccaagaaaccttcta 920

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1488000 seqs, 580018325 residues

Total number of hits satisfying chosen parameters: 2976000

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA\_New:\*  
1: /ABSS/Data/CRF/ptodata/1/pubpna/US09\_NEW\_PUB.seq:\*  
2: /ABSS/Data/CRF/ptodata/1/pubpna/US10\_NEW\_PUB.seq:\*  
3: /ABSS/Data/CRF/ptodata/1/pubpna/US11\_NEW\_PUB.seq:\*  
4: /ABSS/Data/CRF/ptodata/1/pubpna/US12\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	%	Query					
No.	Score	Match	Length	DB	ID	Description	
-----							

	1	77	8.4	32460	3	US-11-888-911-9	Sequence 9, Appli
c	2	67	7.3	1980090	4	US-12-287-505-17676	Sequence 17676, A
	3	64.6	7.0	13633	4	US-12-287-505-17989	Sequence 17989, A
c	4	64.4	7.0	54854	4	US-12-287-505-17862	Sequence 17862, A
	5	64	7.0	333811	4	US-12-287-505-17681	Sequence 17681, A
c	6	63.8	6.9	267966	3	US-11-579-796-1	Sequence 1, Appli
	7	62	6.7	510510	4	US-12-287-505-17606	Sequence 17606, A
c	8	61.6	6.7	209822	4	US-12-287-505-17560	Sequence 17560, A
	9	61.2	6.7	112486	4	US-12-287-505-17642	Sequence 17642, A
c	10	61.2	6.7	161700	4	US-12-287-505-17590	Sequence 17590, A
c	11	60.8	6.6	293802	4	US-12-113-373-27	Sequence 27, Appl
c	12	60.8	6.6	293802	4	US-12-113-373-64	Sequence 64, Appl
c	13	59.4	6.5	321019	4	US-12-287-505-17566	Sequence 17566, A
c	14	59	6.4	364905	4	US-12-113-373-45	Sequence 45, Appl
c	15	58.8	6.4	12600	4	US-12-287-505-17891	Sequence 17891, A
	16	58.8	6.4	59247	4	US-12-287-505-17890	Sequence 17890, A
c	17	58.4	6.3	201	4	US-12-287-505-23507	Sequence 23507, A
c	18	56.2	6.1	201	4	US-12-287-505-41763	Sequence 41763, A
	19	55.2	6.0	8000	4	US-12-024-458-421	Sequence 421, App
	20	55.2	6.0	8000	4	US-12-024-534-421	Sequence 421, App
	21	55.2	6.0	8000	4	US-12-024-672-421	Sequence 421, App
	22	55.2	6.0	8000	4	US-12-024-769-421	Sequence 421, App
	23	55.2	6.0	8000	4	US-12-024-477-421	Sequence 421, App
	24	55.2	6.0	8000	4	US-12-024-701-421	Sequence 421, App
c	25	54.6	5.9	95173	4	US-12-264-501-72	Sequence 72, Appl
	26	54.2	5.9	15644	4	US-12-287-505-17591	Sequence 17591, A
c	27	54	5.9	201	4	US-12-287-505-22944	Sequence 22944, A
	28	54	5.9	201	4	US-12-287-505-30986	Sequence 30986, A
c	29	54	5.9	201	4	US-12-287-505-41764	Sequence 41764, A
	30	52.4	5.7	201	4	US-12-287-505-44301	Sequence 44301, A
c	31	51.8	5.6	53328	4	US-12-287-505-17632	Sequence 17632, A
	32	51.4	5.6	398287	4	US-12-287-505-17839	Sequence 17839, A
c	33	49.2	5.3	3269	4	US-12-064-797A-4273	Sequence 4273, Ap
c	34	48.6	5.3	84239	4	US-12-113-373-21	Sequence 21, Appl
c	35	48.2	5.2	201	4	US-12-287-505-23523	Sequence 23523, A
c	36	48.2	5.2	103660	4	US-12-287-505-17645	Sequence 17645, A
c	37	47.8	5.2	201	4	US-12-287-505-23505	Sequence 23505, A
c	38	47.6	5.2	201	4	US-12-287-505-23647	Sequence 23647, A
	39	47.6	5.2	201	4	US-12-287-505-31333	Sequence 31333, A
	40	47.6	5.2	1618	4	US-12-064-797A-4083	Sequence 4083, Ap
	41	47.6	5.2	3360	4	US-12-064-797A-4081	Sequence 4081, Ap
c	42	47.6	5.2	12815	4	US-12-287-505-17853	Sequence 17853, A
c	43	46.8	5.1	68123	4	US-12-287-505-17774	Sequence 17774, A
c	44	46.8	5.1	187791	4	US-12-113-373-4	Sequence 4, Appli
	45	46	5.0	659	4	US-12-064-797A-2808	Sequence 2808, Ap

## ALIGNMENTS

## RESULT 1

US-11-888-911-9

; Sequence 9, Application US/11888911

; Publication No. US20090130109A1

; GENERAL INFORMATION:

; APPLICANT: Hart, Derek Nigel John

```
; APPLICANT: Kato, Masato
; TITLE OF INVENTION: DCL-1 AND USES THEREOF
; FILE REFERENCE: DAVI257.002CP1
; CURRENT APPLICATION NUMBER: US/11/888,911
; CURRENT FILING DATE: 2007-09-18
; PRIOR APPLICATION NUMBER: US 10/537,839
; PRIOR FILING DATE: 2006-05-18
; PRIOR APPLICATION NUMBER: PCT/AU2003/01634
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: AU 2002953223
; PRIOR FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 32460
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-888-911-9
```

Query Match 8.4%; Score 77; DB 3; Length 32460;  
Best Local Similarity 62.2%; Pred. No. 6e-13;  
Matches 171; Conservative 0; Mismatches 100; Indels 4; Gaps 3;

Qy	2	CTGTAGAGGGGAATGGCTGCTGTGTGCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTTGC	61
Db	6954	CTCTGGGGGAAGCTACCTGCCATGTCATAAGGACCCTCAAGCACCCCTGTGTAGAAGTCC	7013
Qy	62	ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACCTGCTAACCTGCTGGGTCTGAGAC	120
Db	7014	ACGTGGTGAGGAACTGTGGTGTCTCGCCACAGCCAGCACCAGCTCACCACCCATATGAG	7073
Qy	121	TGAGCCACTTTTGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC	180
Db	7074	TGAGGCTTCTT-GAAGCTGACCTTTCAGCTCCAGTTCAGTGTTTAGATGGCTGCAGCCCT	7132
Qy	181	AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTA--AA	238
Db	7133	AGCCAGCATCTTCACTGTAACTTCATGGAGACCCCCAAGCCAGAATCACCAGACAAGCAA	7192
Qy	239	TTGCTCCTTGATTCTTAACCCACAGAAATTGTGTA	273
Db	7193	CTGCTTCAGAATTCTTGACCCAGAGAAACTGTATA	7227

## RESULT 2

US-12-287-505-17676/c

; Sequence 17676, Application US/12287505

; Publication No. US20090118217A1

## ; GENERAL INFORMATION

; APPLICANT: CARGILL, Michele et al.

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001499

; CURRENT APPLICATION NUMBER: US/12/287,505

; CURRENT FILING DATE: 2008-10-17

; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17676  
; LENGTH: 1980090  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)...(1980090)  
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)  
US-12-287-505-17676

Query Match 7.3%; Score 67; DB 4; Length 1980090;  
Best Local Similarity 61.4%; Pred. No. 1.2e-09;  
Matches 148; Conservative 2; Mismatches 72; Indels 19; Gaps 2;

Qy 37 CATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCACCT 96  
| | |||| | | ||||| | | ||||| | | || ||||| ||||| | |  
Db 759398 CTTCAGCATTCCTCTGGAGAGGTCCATGTGGTGAGGACCTGAGGCCTCCGCCAACTAC-- 759341  
  
Qy 97 GCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTC 156  
| | | | |||| : |||| | | ||||| ||| | |  
Db 759340 -----TATGTGAATGAGCTGMCTTGGGAGTAGATCTTCCAGCCCTGGCT 759297  
  
Qy 157 AAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCT 216  
||||| | | | | | |||| | | | | ||||| | | | |||  
Db 759296 AAGCCTTCAGACCGCCGAAGCCCTGGCCACCAGGTGGAATGAAACCTCATGAAAAACCCT 759237  
  
Qy 217 GAGCCAGAATCCCCT-GGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAG 275  
||||||| : | | || | | ||||| ||||| | | | ||||| | ||| | |  
Db 759236 GAGCCAGAACYGTCTAGGCCAAGATGCTCCCAGATTCTGTCTAGTAGAAACTATGTGAG 759177  
  
Qy 276 A 276  
|  
Db 759176 A 759176

RESULT 3  
US-12-287-505-17989  
; Sequence 17989, Application US/12287505  
; Publication No. US20090118217A1  
; GENERAL INFORMATION  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17989  
; LENGTH: 13633  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-287-505-17989

Query Match 7.0%; Score 64.6; DB 4; Length 13633;  
Best Local Similarity 61.4%; Pred. No. 3e-09;  
Matches 148; Conservative 0; Mismatches 74; Indels 19; Gaps 2;

Qy 37 CATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCACCT 96  
| | |||| | | ||||| | | ||||| | | ||||| ||||| | |  
Db 1582 CTTCAGCATTCCTCTGGAGAGGTCCATGTGGTGAGGACCTGAGGCCTCCGCCAACTAC-- 1639

Qy 97 GCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTC 156  
| | | | |||| | || | | ||||| || | | |  
Db 1640 -----TATGTGAATGAGCTGACTTGGGAGTAGATCTTCCAGCCCTGGCT 1683

Qy 157 AAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCT 216  
|||| | | | | || | |||| | || | | ||||| || | |||  
Db 1684 AAGCCTTCAGACCGCCGAAGCCCTGGCCACCAGGTGGAATGAAACCTCATGAAAACCCT 1743

Qy 217 GAGCCAGAA-TCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAG 275  
||||||| | | || | | ||||| |||| | | | |||| | ||| ||  
Db 1744 GAGCCAGAACTGTCTAGGCCAAGATGCTCCCAGATTCTGTCTAGTAGAAACTATGTGAG 1803

Qy 276 A 276  
|  
Db 1804 A 1804

RESULT 4  
US-12-287-505-17862/c  
; Sequence 17862, Application US/12287505  
; Publication No. US20090118217A1  
; GENERAL INFORMATION  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17862  
; LENGTH: 54854  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-287-505-17862

Query Match 7.0%; Score 64.4; DB 4; Length 54854;  
Best Local Similarity 61.1%; Pred. No. 4.2e-09;  
Matches 138; Conservative 0; Mismatches 86; Indels 2; Gaps 2;

Qy 41 AGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTC-TGCCAACCACCTGCA 99  
|| | ||| ||| ||||| || ||| || ||| || || || || || || ||  
Db 3710 AGTAACCCTGTGAAGAGGTCCATGTGGCAAGGAAGTGAAGCTTCATGGCAGCAGCCGGCG 3651

Qy 100 CTAACCTGCTGGGTCT-GAGACTGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAA 158  
| || ||| | | | | ||||| ||||| | || | |||||  
Db 3650 CCCACTTGCCCACTGTGGTGAAGAAGCCACTTTGGGACTGTATCCTCCGACCCTAGTCAA 3591

Qy 159 GCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGA 218  
||| | || | | | |||| | | ||| |||| | | | ||| || || |  
Db 3590 GCCTTCAGAAGACAGTAGCCCCCACTGACATACTGACTGTGACTCCATGGAAGACCCCGG 3531  
  
Qy 219 GCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGA 264  
||||| | | || ||||| ||||| | | || | | || | |  
Db 3530 GCCAGGACCGCCCAGCTAAACTGCTCTGAGTCCCTGACCACAGAAA 3485

RESULT 5  
US-12-287-505-17681  
; Sequence 17681, Application US/12287505  
; Publication No. US20090118217A1  
; GENERAL INFORMATION  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17681  
; LENGTH: 333811  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)...(333811)  
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)  
US-12-287-505-17681

Query Match 7.0%; Score 64; DB 4; Length 333811;  
Best Local Similarity 60.6%; Pred. No. 7.3e-09;  
Matches 137; Conservative 1; Mismatches 86; Indels 2; Gaps 2;

Qy 41 AGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTC-TGCCAACCACCTGCA 99  
|| | ||| ||| ||||| || ||| || ||| || ||| || ||| || ||  
Db 156491 AGTAACCCTGTGAAGAGGTCCATGTGGCAAGGAAGTGAAGGCTTCATGGCAGCAGCCGGCG 156550  
  
Qy 100 CTAACCTGCTGGGTCT-GAGACTGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAA 158  
| || ||| | | | || ||||| :|| | ||| | | |||||  
Db 156551 CCCACTTGCCCACTGTGGTGAAGAAGCCACTTYGGGACTGTATCCTCCGACCCTAGTCAA 156610  
  
Qy 159 GCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGA 218  
||| | || | | | |||| | | ||| |||| | | | ||| || || |  
Db 156611 GCCTTCAGAAGACAGTAGCCCCCACTGACATACTGACTGTGACTCCATGGAAGACCCCGG 156670  
  
Qy 219 GCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGA 264  
||||| | | || ||||| ||||| | || | | || | |  
Db 156671 GCCAGGACCGCCCAGCTAAACTGCTCTGAGTCCCTGACCACAGAAA 156716

RESULT 6  
US-11-579-796-1/c

Qy	31	GGGGTGCATGAGCAGCCCACTGGAGAGGTGCACTTGGTGAGAAACCGATGCCT-CTGCCA	89
Db	262481	GAGATACTTAAGTAGCACTATGGAGAGGGCCACTTATTGAGTGACTGAGGCTTCCTGCAT	262422
Qy	90	ACCACCTGCTAAACCTGCT--GGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGGA	147
Db	262421	ACAGGCAGCACATATTTGATAACCACATGAATGAGAGCCACTGTGGAAGCAGAGCTTCTG	262362
Qy	148	GCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTG	207
Db	262361	CCTCCAGGCAAGTCATCAGACGACTGCATCCCTGGCTAATGTTTTGACTATGTCAT----	262306
Qy	208	GGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAAT	267
Db	262305	-GAGACTCTGACCCAGAACCACCTAGCTAAGCTGCTTCTAAATTCTGACCCATAGAAAC	262247
Qy	268	TGTGTGAAGA	276
Db	262246	TATGTGAGA	262238

[http://es/ScoreAccessWeb/GetItem.action?AppId=105732...121112\\_us-10-573-229a-1.rnpbn&ItemType=4&startByte=0](http://es/ScoreAccessWeb/GetItem.action?AppId=105732...121112_us-10-573-229a-1.rnpbn&ItemType=4&startByte=0) (7 of 14) 6/15/2009 10:37:21 AM

; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17606  
; LENGTH: 510510  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-287-505-17606

Query Match 6.7%; Score 62; DB 4; Length 510510;  
Best Local Similarity 57.2%; Pred. No. 3.1e-08;  
Matches 135; Conservative 0; Mismatches 95; Indels 6; Gaps 1;

Qy 41 AGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCCACCTGCAC 100  
||| ||| | | |||| ||||||| || | | | || || |||  
Db 255021 AGCTGCCACGCTGGGAGGAGCACTTGGAGA-----GGTCCAGGTGGTAAGACACTGACT 255074  
  
Qy 101 TAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGAGACACCAGTCAAGC 160  
| ||||| || | | | | ||| || | ||||| ||  
Db 255075 TCTTCTGCTATTAACCAGTACAACTAGCTAACAAGTAAATCCAACAGGTCCAGTCTAGG 255134  
  
Qy 161 CCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGC 220  
| | || || || || || || ||||| | ||| ||||| | | || ||| |||  
Db 255135 CTTCAGATGACTTCAACCCTGGCCAATATTTTGACCACAACCTTATCAGAGACCCTAAGC 255194  
  
Qy 221 CAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276  
||||| | || |||| |||| ||||||| || |||| || ||||| |||  
Db 255195 CAGAACCACCCAGCTATGCCACTCCCAGATTCTTGACTCACAAGAACAGTGTGAGA 255250

RESULT 8  
US-12-287-505-17560/c  
; Sequence 17560, Application US/12287505  
; Publication No. US20090118217A1  
; GENERAL INFORMATION  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17560  
; LENGTH: 209822  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-287-505-17560

Query Match 6.7%; Score 61.6; DB 4; Length 209822;  
Best Local Similarity 66.7%; Pred. No. 3.6e-08;  
Matches 88; Conservative 0; Mismatches 44; Indels 0; Gaps 0;



```
Qy      145 GGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTC 204
      || || | | | ||| | || |||| ||| |||| | ||| ||| |||
Db    166196 GGCACATCCCTGAGACCCAATCAAGTCTTCAGCCCCAGTCAACAGCTTGACTTCAATCTC 166137

Qy      205 CTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGA 264
      | | |||| || |||| || | ||| |||| | ||| |||
Db    166136 AAGAGAGATCCGGAAGCAGAATCACCTGCTAAGCTGGCCCTAGATTCTGACCCTCAGA 166077

Qy      265 AATTGTGTAAGA 276
      || || | |||
Db    166076 AACTGTCTGAGA 166065
```

RESULT 9

US-12-287-505-17642

```
; Sequence 17642, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17642
; LENGTH: 112486
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(112486)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
US-12-287-505-17642
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```
Query Match      6.7%; Score 61.2; DB 4; Length 112486;
Best Local Similarity 66.9%; Pred. No. 4.3e-08;
Matches 87; Conservative 0; Mismatches 43; Indels 0; Gaps 0;

Qy      147 AGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCT 206
      ||| |||| |||| || | | || || |||| |||| |||| |
Db    38971 AGCCCCAGTGAAGCCCTCAGACGATGCAGCCCTAGGCTGACAACTGGACTGCAACCTTGT 39030

Qy      207 GGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAA 266
      | | | |||| |||| || | | || |||| |||| | ||| ||||
Db    39031 GAGAGGCCCTGAGCCAGAAGCACTCAGGAAAACCGCTCCTGGATTCTGACCATTAGAAA 39090

Qy      267 TTGTGTAAGA 276
      |||| |||
Db    39091 CTGTGGGAGA 39100
```

RESULT 10

US-12-287-505-17590/c  
; Sequence 17590, Application US/12287505  
; Publication No. US20090118217A1  
; GENERAL INFORMATION  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17590  
; LENGTH: 161700  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)...(161700)  
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)  
US-12-287-505-17590

Query Match 6.7%; Score 61.2; DB 4; Length 161700;  
Best Local Similarity 66.9%; Pred. No. 4.6e-08;  
Matches 87; Conservative 0; Mismatches 43; Indels 0; Gaps 0;

Qy 147 AGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCT 206  
||| ||||| ||||| || | || || ||||| ||||| |||  
Db 122413 AGCCCCAGTGAAGCCCTCAGACGATGCAGCCCTAGGCTGACAACTGGACTGCAACCTTGT 122354  
  
Qy 207 GGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAA 266  
| | | ||||| ||||| | | | ||| ||||| ||||| | ||| |||||  
Db 122353 GAGAGGCCCTGAGCCAGAAGCACTCAGGAAAACCGCTCCTGGATTCTTGACCATTAGAAA 122294  
  
Qy 267 TTGTGTAAGA 276  
||| |||  
Db 122293 CTGTGGGAGA 122284

RESULT 11  
US-12-113-373-27/c  
; Sequence 27, Application US/12113373  
; Publication No. US20090130096A1  
; GENERAL INFORMATION  
; APPLICANT: Siemens Medical Solutions USA, Inc.  
; APPLICANT:Maastro  
; TITLE OF INVENTION: Gene Signature of Early Hypoxia to Predict Patient Survival  
; FILE REFERENCE: 2007P09225US01  
; CURRENT APPLICATION NUMBER: US/12/113,373  
; CURRENT FILING DATE: 2008-05-01  
; PRIOR APPLICATION NUMBER: 60/915,531  
; PRIOR FILING DATE: 2007-05-02  
; NUMBER OF SEQ ID NOS: 209  
; SOFTWARE: PatentIn version 3.5  
; SEQ ID NO 27  
; LENGTH: 293802

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-113-373-27

Query Match 6.6%; Score 60.8; DB 4; Length 293802;  
Best Local Similarity 61.6%; Pred. No. 6.6e-08;  
Matches 133; Conservative 0; Mismatches 77; Indels 6; Gaps 2;

Qy 46 CCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCACCTGCACTAACC 105  
|| ||||| | || || | ||||| || ||||| || | | |  
Db 175988 CCATGTGGAAAAGTCCATGTAGTGAGAACTGAGGCCTCCTGTGACAGCCAGCATGAAC 175929

Qy 106 TGCT---GGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCC 162  
| | | | ||||| || | ||||| |||| | || ||||| |||||  
Db 175928 TCATTACGCATATGAGAGTGAAACATCATGGAAGTGGATCCTCTAGCCCCAGGTAAGCCT 175869

Qy 163 TTAGCTGGCTGCAGCCACA---GCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAG 219  
| || | ||||| || | || | ||||| | | | || |||||  
Db 175868 TCAGATAACTGCAACCCTCTTGGCTGACACCTTAACTGCAATGTTATAAGAGAATTTGAG 175809

Qy 220 CCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTA 255  
||||| | || ||||| ||||| |||||  
Db 175808 CCAGAAACACCCAGCTAAGCTGCTCCTCAATTCTTA 175773

RESULT 12  
US-12-113-373-64/c  
; Sequence 64, Application US/12113373  
; Publication No. US20090130096A1  
; GENERAL INFORMATION  
; APPLICANT: Siemens Medical Solutions USA, Inc.  
; APPLICANT:Maastro  
; TITLE OF INVENTION: Gene Signature of Early Hypoxia to Predict Patient Survival  
; FILE REFERENCE: 2007P09225US01  
; CURRENT APPLICATION NUMBER: US/12/113,373  
; CURRENT FILING DATE: 2008-05-01  
; PRIOR APPLICATION NUMBER: 60/915,531  
; PRIOR FILING DATE: 2007-05-02  
; NUMBER OF SEQ ID NOS: 209  
; SOFTWARE: PatentIn version 3.5  
; SEQ ID NO 64  
; LENGTH: 293802  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-113-373-64

Query Match 6.6%; Score 60.8; DB 4; Length 293802;  
Best Local Similarity 61.6%; Pred. No. 6.6e-08;  
Matches 133; Conservative 0; Mismatches 77; Indels 6; Gaps 2;

Qy 46 CCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCTCTGCCAACCACCTGCACTAACC 105  
|| ||||| | || || | ||||| || ||||| || | | |  
Db 175988 CCATGTGGAAAAGTCCATGTAGTGAGAACTGAGGCCTCCTGTGACAGCCAGCATGAAC 175929

Qy 106 TGCT---GGGTCTGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCC 162

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      | | | | | | | | | | | | | | | | | | | | | |
Db      175928 TCATTACGCATATGAGAGTGAAACATCATGGAAGTGGATCCTCTAGCCCCAGGTAAGCCT 175869

Qy      163 TTAGCTGGCTGCAGCCACA---GCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAG 219
      | | | | | | | | | | | | | | | | | | | | | |
Db      175868 TCAGATAACTGCAACCCTCTTGGCTGACACCTTAACTGCAATGTTATAAGAGAATTTGAG 175809

Qy      220 CCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTA 255
      | | | | | | | | | | | | | | | | | | | | | |
Db      175808 CCAGAAACACCCAGCTAAGCTGCTCCTCAATTCTTA 175773
```

RESULT 13

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US-12-287-505-17566/c
; Sequence 17566, Application US/12287505
; Publication No. US20090118217A1
; GENERAL INFORMATION
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/12/287,505
; CURRENT FILING DATE: 2008-10-17
; NUMBER OF SEQ ID NOS: 73997
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17566
; LENGTH: 321019
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(321019)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
US-12-287-505-17566
```

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Query Match          6.5%;  Score 59.4;  DB 4;  Length 321019;
Best Local Similarity 63.8%;  Pred. No. 1.8e-07;
Matches 90;  Conservative 0;  Mismatches 51;  Indels 0;  Gaps 0;

Qy      126 CACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCA 185
      | | | | | | | | | | | | | | | | | | | | | |
Db      308156 CACCTTGGAAGTGGGTCTGCCTCCCCAGGCAAGCCTTACAGATGACTGCAGCCCCGGCGG 308097

Qy      186 ACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCC 245
      | | | | | | | | | | | | | | | | | | | | | |
Db      308096 ACAGCTGGGCTGCAACCGCGAGAAGGGCTCCAAGCCAGAGCCAGCCAGCTATGCCGCTCC 308037

Qy      246 TTGATTCTTAACCCACAGAAA 266
      | | | | | | | | | | | | | | | | | | | | | |
Db      308036 TGCGTTCCTCGCCTTCAGAAA 308016
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RESULT 14

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US-12-113-373-45/c
; Sequence 45, Application US/12113373
; Publication No. US20090130096A1
```

; GENERAL INFORMATION  
; APPLICANT: Siemens Medical Solutions USA, Inc.  
; APPLICANT:Maastro  
; TITLE OF INVENTION: Gene Signature of Early Hypoxia to Predict Patient Survival  
; FILE REFERENCE: 2007P09225US01  
; CURRENT APPLICATION NUMBER: US/12/113,373  
; CURRENT FILING DATE: 2008-05-01  
; PRIOR APPLICATION NUMBER: 60/915,531  
; PRIOR FILING DATE: 2007-05-02  
; NUMBER OF SEQ ID NOS: 209  
; SOFTWARE: PatentIn version 3.5  
; SEQ ID NO 45  
; LENGTH: 364905  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-113-373-45

Query Match 6.4%; Score 59; DB 4; Length 364905;  
Best Local Similarity 61.3%; Pred. No. 2.4e-07;  
Matches 95; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

Qy 122 GAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACA 181  
||| | ||||| ||| | | | | | | | ||| | ||||| ||  
Db 23961 GAGTGAAGCTTGAAGCAGATCCTCCATCCTCAACCTGGCTTTGAGGGGACTGCAGCCCCA 23902  
  
Qy 182 GCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTG 241  
||| | || ||| | ||| || | ||||| || | | || ||| |  
Db 23901 ACCAGTAGTTGGAATGCCATCTCATGAGAGATCCTGAGCTAGTACCACCCAACTAAGCAG 23842  
  
Qy 242 CTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276  
|| | | ||| |||| |||| | |  
Db 23841 TTCGAAAAGTCTGACCCTTAGAAAATGTGTGAAA 23807

RESULT 15  
US-12-287-505-17891/c  
; Sequence 17891, Application US/12287505  
; Publication No. US20090118217A1  
; GENERAL INFORMATION  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION:MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001499  
; CURRENT APPLICATION NUMBER: US/12/287,505  
; CURRENT FILING DATE: 2008-10-17  
; NUMBER OF SEQ ID NOS: 73997  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17891  
; LENGTH: 12600  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-12-287-505-17891

Query Match 6.4%; Score 58.8; DB 4; Length 12600;  
Best Local Similarity 61.8%; Pred. No. 1.7e-07;

Matches 110; Conservative 0; Mismatches 67; Indels 1; Gaps 1;

```
Qy      115 TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGC 174
      || ||||| ||| || | | ||| | ||| ||||| ||||| || ||
Db    9944 TGTGACTGATCCATGTTTCATGTGAATCCT-CAGCCCCAGTGAAGCCCTCAGATGATGCA 9886

Qy      175 AGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGC 234
      ||| | |||| ||||| ||||| || | | ||| ||| |||| | | |
Db    9885 GGCCTAGACTGACAACCTGGACTGCAACCTTGTGAGAGGCCCTTAGCAAGAAGCACTCAGG 9826

Qy      235 TAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCG 292
      ||| | |||| |||| | || |||| ||| || | ||| |
Db    9825 GAAACTTCTCCTGGATTCTGACAATTGGAAACTGTGGGAGATGATCAATATTTGTTG 9768
```

Search completed: May 31, 2009, 22:35:53

Job time : 177 secs

SCORE : 0